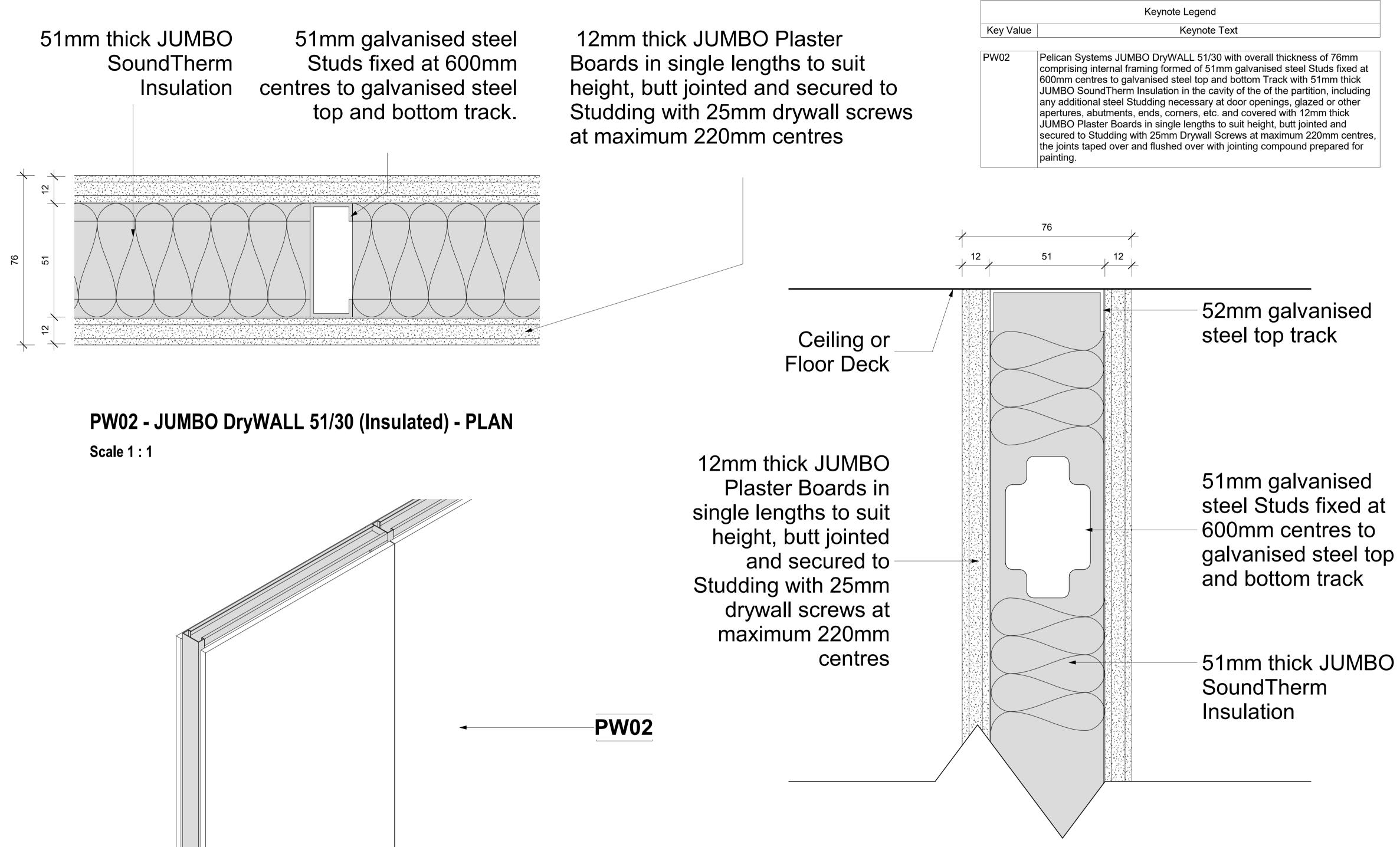
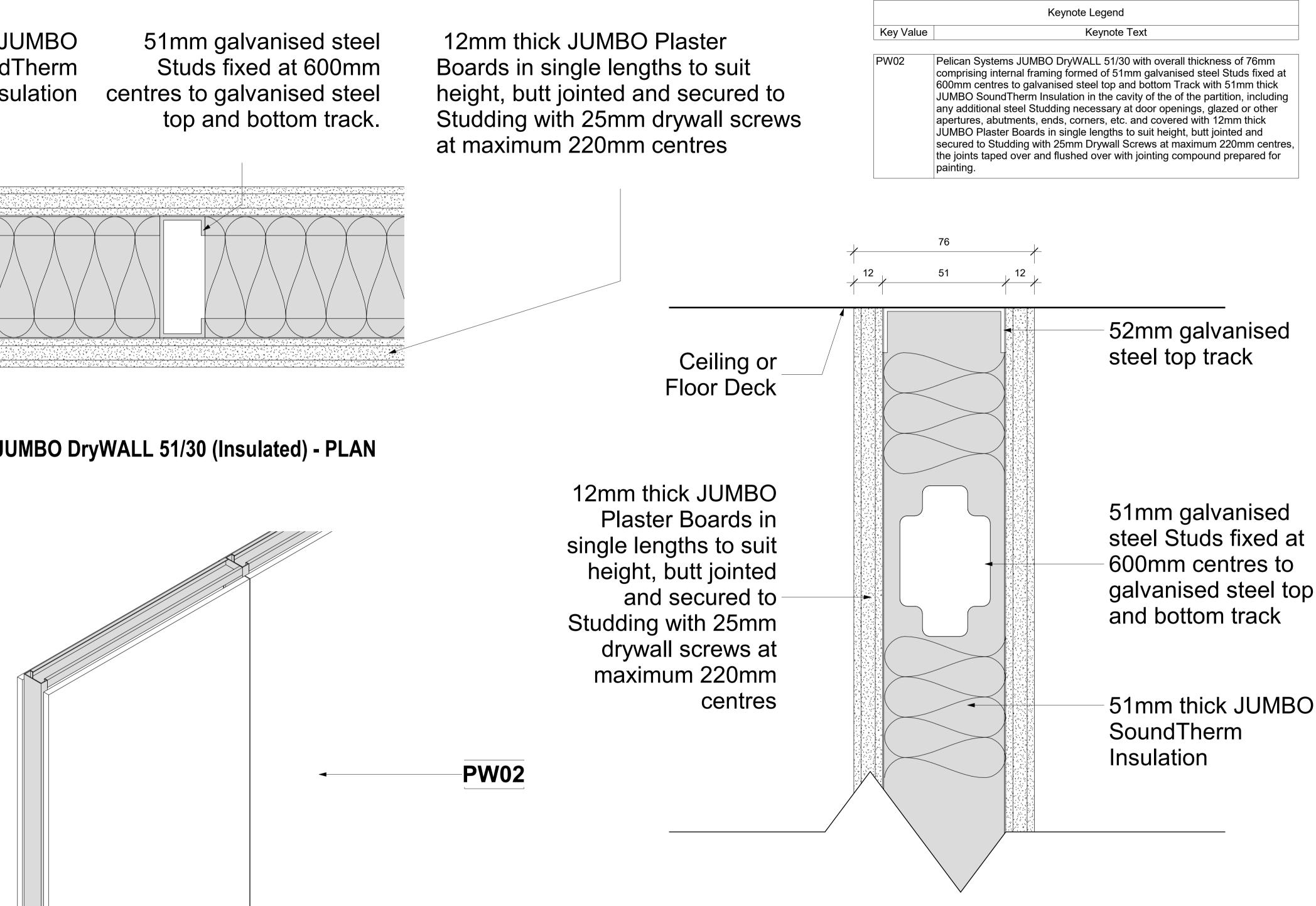
Building Information Modeling







PW02 - JUMBO DryWALL 51/30 (Insulated) - 3D

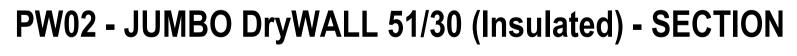
Scale



pelican systems ceiling and partitioning specialists...

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JUMBO DryWALL 51/30 (Insulated)



Scale 1 : 1

Track Material 0,45mm Galvanized Steel with Z100 Coating Picture Image: Control of the second steel with Z100 Coating Overal Thickness 76 mm Colour Options To be painted. Building material information N/A Fire Protection 30 Minute Fire Rating Sound absorption N/A Sound attenuation N/A Sound attenuation N/A Practical sound absorption coefficient (cp) Image: Control of the second streng second sec	PW02 - JUMBO DryWALL 51/30 (Insulated)	
Recommended Areas Offices / Light weight Solution / Dry Areas Technical Spec * 51mm Stud and Track * 51mm JUMBO Board on each side of Stud an Track Material 0,45mm Galvanized Steel with Z100 Coating Picture Image: Comparison of Comparison of Coating Overal Thickness 76 mm Colour Options To be painted. Building material information N/A Sound absorption N/A Sound absorption N/A Practical sound absorption N/A Practical cond absorption N/A Coefficient (op) N/A Thermeability N/A Thermeability N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal remaing formed of 51mm galvanised steel top a bottom Track with 51mm tack JUMBO Sound absorption thick JUMBO Sound absorption thick JUMBO Sound absorption thick JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal remaing formed of 51mm galvanised steel top a bottom Track with 51mm tack JUMBO Sound Therm Insulation in the cavity of the partiting remains at 600m centres to galvanised steel top a bottom Track with 51mm tack JUMBO Sound Therm Insulation in the cavity of the partiting remains at 600m centres to galvanised steel top a bottom Track with 51mm tack JUMBO Sound Therm Insulation in the cavity of the partiting remains at 600m centres to galvanised s	System	Partitions
Technical Spec * 51mm Stud and Track * 51mm JUMBO SoundTherm * 12mm JUMBO Board on each side of Stud an Track Material 0,45mm Galvanized Steel with Z100 Coating Picture Image: Control of Stud Steel with Z100 Coating Overal Thickness 76 mm Colour Options To be painted. Building material information N/A Sound absorption N/A Sound absorption N/A Sound absorption N/A Practical sound absorption N/A Practical sound absorption N/A Cight reflectance N/A Thermeability N/A Air permeability N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thick JUMBO Sound result of the partitic store at a door opening, gitzed or other apertures, a dotting ary additional steel Studding necessar at door opening, size are one and sub store opening. Size are one and sub steel to part thick JUMBO Sound Therm Insulation in the cavity of the partitic store at a door opening, gitzed or other apertures, a buttents, ends, corners, etc. and covered with 12mm thick JUMBO Sound Therm Insulation in the cavity of the partitic store at a door opening. Size are of the apertures, a buttents, ends, corners, etc. and covered with 12mm thick JUMBO Sound Therm Insulation in the cavity of the partitic store with jointing compound prepared for paintir	Type of Product	JUMBO DryWALL 51/30 (Insulated)
* 51mm JUMBO SoundTherm * 12mm JUMBO Board on each side of Stud an Track Material 0,45mm Galvanized Steel with Z100 Coating Picture Image: Content of Conten	Recommended Areas	Offices / Light weight Solution / Dry Areas
Picture Image: Constraint of the system	Technical Spec	 * 51mm JUMBO SoundTherm * 12mm JUMBO Board on each side of Stud and
Overal Thickness 76 mm Colour Options To be painted. Building material information N/A Fire Protection 30 Minute Fire Rating Sound absorption N/A Sound attenuation N/A Practical sound absorption cefficient (cp) 1.0 Ight reflectance N/A Thermal conductivity N/A Humidity N/A Green Rating N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with recerts of gavanised steel Stude fixed at 800mm centres to gavanised steel for a bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partitin (including any additional steel Studing necessar at 600 or penings, glazed or other apertures, abutmens, ends, corrers, etc. and covered with 12mm thick JUMBO Plaster Boards in single lengths to suit height, but jointed and secured to Studing with 25mm drywall screws at maximum 220mm centres, the joints taped over and flushe over with jointing compound prepared for painting the set of the partiting screws at maximum 220mm centres, the joints taped over and flushe over with jointing compound prepared for painting the set of the partiting screws at maximum 220mm centres, the joints taped over and flushe over with jointing compound prepared for painting the	Material	0,45mm Galvanized Steel with Z100 Coating
Colour Options To be painted. Building material information N/A Fire Protection 30 Minute Fire Rating Sound absorption N/A Sound attenuation N/A Sound insulation N/A Practical sound absorption coefficient (αp) 1.0 0.1 0.0 0.2 0.5 0.4 0.2 0.5 0.0 0.6 0.4 0.7 0.65 0.8 0.5 0.9 0.0 0.1 0.0 0.2 0.5 0.2 0.5 0.4 0.5 0.5 0.0 0.6 0.4 0.7 0.65 0.8 0.5 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 1.0 0.0 0.1 0.0 1.2 0.0 1.2 0.0 2.2 0.0 2.2 0.0		
Building material information N/A Fire Protection 30 Minute Fire Rating Sound absorption N/A Sound attenuation N/A Sound insulation N/A Practical sound absorption coefficient (αp) 1.0 0.1 0.0 0.2 0.0 0.4 0.5 0.5 0.00 0.4 0.2 0.5 0.00 1.0 0.0 0.1 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.4 0.2 0.5 500 1.0 0.0 1.0 0.1 0.2 0.2 0.2 0.2 0.2 0.0 0.2 0.0 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.0 1.0 0.0 Core respondence N/A Humidity N/A </td <td>Overal Thickness</td> <td>76 mm</td>	Overal Thickness	76 mm
Fire Protection 30 Minute Fire Rating Sound absorption N/A Sound attenuation N/A Sound insulation N/A Practical sound absorption coefficient (op) 1.0 0.8 0.6 0.4 0.5 0.2 0.05 0.10 0.6 0.4 0.2 0.2 0.2 0.2 0.00 0.2 0.00 0.2 0.00 0.2 0.00 0.2 0.00 0.4 0.2 0.5 0.00 1.0 0.6 0.4 0.2 0.5 0.00 1.0 0.7 0.10 0.00 2.00 0.00 2.00 0.00 2.00 0.00 2.00 0.00 2.00 0.00 2.00 0.00 2.00 0.00 2.00 0.00 2.00 0.00 2.00 0.00	Colour Options	To be painted.
Sound absorption N/A Sound insulation N/A Practical sound absorption coefficient (αp) N/A Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Image: Sound absorption coefficient (αp) Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studing necessal at 600 mm centres to galvanised steel top abottom Track with 51mm thick JUMBO Sound Therm Insulation in the cavity of the partitincluding any additional steel Studing necessal at 600 openings, glazed or other apertures, abutments, ends, corners, etc. and covered with 12mm thick JUMBO Plaster		N/A
Sound attenuation N/A Sound insulation N/A Practical sound absorption coefficient (αp)	Fire Protection	30 Minute Fire Rating
Sound insulationN/APractical sound absorption coefficient (αp)1.0 0.8 0.4 0.2 0.251.0 0.95 0.00 0.	Sound absorption	N/A
Practical sound absorption coefficient (αp) 1.0 1.0 0.8 0.6 0.4 0.2 0.55 0.40 0.2	Sound attenuation	N/A
coefficient (αp) 0.8 0.8 0.70 0.65 0.40 Light reflectance N/A Thermal conductivity N/A Air permeability N/A Humidity N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studs fixed at 600mm centres to galvanised steel Studs fixed at 600mm centres to galvanised steel top a bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partitiincluding any additional steel Studs in single lengths to suit height, but jointed and secured to Studding with 25mm drywall screws at maximum 220mm centres, the joints taped over and flushe over with jointing compound prepared for paintir	Sound insulation	N/A
Thermal conductivity N/A Air permeability N/A Humidity N/A Green Rating N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studs fixed at 600mm centres to galvanised steel top a bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partitiincluding any additional steel Studding necessal at door openings, glazed or other apertures, abutments, ends, corners, etc. and covered with 12mm thick JUMBO Plaster Boards in single lengths to suit height, butt jointed and secured to Studding with 25mm drywall screws at maximum 220mm centres, the joints taped over and flushed over with jointing compound prepared for paintir The specification is based on a height restriction		0.8 0.6 0.4 0.2 0 125 250 500 1000 2000 4000 Frequency f (Hz)
Air permeability N/A Humidity N/A Green Rating N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studs fixed at 600mm centres to galvanised steel top a bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partition including any additional steel Studding necessariat door openings, glazed or other apertures, abutments, ends, corners, etc. and covered with 12mm thick JUMBO Plaster Boards in single lengths to suit height, butt jointed and secured to Studding with 25mm drywall screws at maximum 220mm centres, the joints taped over and flushed over with jointing compound prepared for paintir The specification is based on a height restriction	Light reflectance	N/A
Humidity N/A Green Rating N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studs fixed at 600mm centres to galvanised steel top a bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partit including any additional steel Studding necessal at door openings, glazed or other apertures, abutments, ends, corners, etc. and covered with 12mm thick JUMBO Plaster Boards in single lengths to suit height, butt jointed and secured to Studding with 25mm drywall screws at maximum 220mm centres, the joints taped over and flushed over with jointing compound prepared for paintir The specification is based on a height restriction		
Green Rating N/A Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studs fixed at 600mm centres to galvanised steel top a bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partition including any additional steel Studding necessar at door openings, glazed or other apertures, abutments, ends, corners, etc. and covered with 12mm thick JUMBO Plaster Boards in single lengths to suit height, butt jointed and secured to Studding with 25mm drywall screws at maximum 220mm centres, the joints taped over and flushed over with jointing compound prepared for paintir The specification is based on a height restriction		
Specifications Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studs fixed at 600mm centres to galvanised steel top a bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partit including any additional steel Studding necessar at door openings, glazed or other apertures, abutments, ends, corners, etc. and covered with 12mm thick JUMBO Plaster Boards in single lengths to suit height, butt jointed and secured to Studding with 25mm drywall screws at maximum 220mm centres, the joints taped over and flushed over with jointing compound prepared for paintir The specification is based on a height restriction		
		Pelican Systems JUMBO DryWALL 51/30 with overall thickness of 76mm comprising internal framing formed of 51mm galvanised steel Studs fixed at 600mm centres to galvanised steel top and bottom Track with 51mm thick JUMBO SoundTherm Insulation in the cavity of the partition, including any additional steel Studding necessary at door openings, glazed or other apertures, abutments, ends, corners, etc. and covered with
		The specification is based on a height restriction of up to 3 Metres high.